

CLAIMS

1. A method for producing an electrical device made up by a first object for bonding including a first electrode and a second object for bonding including a second electrode to be connected to said first electrode, by bonding said first object for bonding and said second object for bonding to each other, comprising the steps of

arranging an adhesive, containing a thermosetting resin and a first curing agent, at least on said second electrode, to form an adhesive layer;

arranging a second curing agent, reacted with said first curing agent by heating to polymerize said thermosetting resin, at least on said second electrode, to form a layer of the second curing agent;

positioning said first and second electrodes in register with each other;

tightly contacting said adhesive on said first object for bonding with said second curing agent on said second object for bonding; and

thrusting said first and second objects for bonding against each other for interconnecting said first and second electrodes and allowing said thermosetting resin to be polymerized by heating.

2. The method for producing an electrical device according to claim 1 wherein electrically conductive particles are added to said adhesive from the outset and wherein said first and second electrodes are interconnected via said electrically conductive particles.

3. The method for producing an electrical device according to claim 1 wherein one of said first and second curing agents is mainly composed of a silane coupling agent and the other is mainly composed of one or both of a metal chelate and a metal alcoholate.

4. The method for producing an electrical device according to claim 3 wherein said metal chelate is an aluminum chelate.

5. The method for producing an electrical device according to claim 3 wherein said metal alcoholate is an aluminum alcoholate.

6. The method for producing an electrical device according to claim 1 wherein said thermosetting resin is an epoxy resin.